

Work Order ID 93175

93175

Page 1

November-15-12 8:59:46 AM

Item ID: 646.3714

Accept

N900040100

Setup

Start

NS1

Revision ID:

Stop

NS2

Item Name: Gusset

Start Date: 11/15/12 Start Qty: 10.00

10

Cust Item ID:

Required Date: 12/07/12 Req'd Qty: 10.00

10

Customer:

Reference:

Approvals: Process Plan: ML5

Date: 12-11-16 Tooling:

Date:

Run

Start

NR1

QC: _____

Date: _____ SPC (Y/N):

Date: _____

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
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646.3700	A
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110	
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110	
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Waterjet	Memo
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FLOW CNC Waterjet	1-Cut as per Dwg
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6061.063	Dwg Rev: A
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	Prog Rev: A
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	2-Deburr if necessary
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120	QC2- Inspect parts off machine FAI/FAIB
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QC	Memo
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Quality Control	0.00
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NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____	DISPOSITION	AGAINST DEPARTMENT/PROCESS					
Part No. _____	Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>		
NCR No. _____	Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>		
	Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>		
	Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>			

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear	General				
Bending	Bend	<input type="checkbox"/>	Grain	<input type="checkbox"/>	Pressure/Forced
Centre Not Concentric to O/S	BOM/Route	<input type="checkbox"/>	Hardware	<input type="checkbox"/>	Temperature/Cure
Cracks	Broken/Damaged	<input type="checkbox"/>	Inspection Incomplete	<input type="checkbox"/>	Weld
Crushed/Crimped.	Burrs	<input type="checkbox"/>	Instructions Incomplete/Unclear	<input type="checkbox"/>	Wrong Stock Pulled
Cuffs	Contamination	<input type="checkbox"/>	Maintenance	<input type="checkbox"/>	
Heat Treat	Countersink	<input type="checkbox"/>	Mislabeled	<input type="checkbox"/>	
Inspection Strip in Tube	Cut Too Short	<input type="checkbox"/>	Misread	<input type="checkbox"/>	
Ripples in Bend	Drill Holes	<input type="checkbox"/>	Offset	<input type="checkbox"/>	
Torque Waves in Extrusion	Drawing	<input type="checkbox"/>	Out of Calibration	<input type="checkbox"/>	
Turning Sequence	Finish	<input type="checkbox"/>	Out of Sequence	<input type="checkbox"/>	
Wave/Twist in Tube	Folio	<input type="checkbox"/>	Outside Dimensions	<input type="checkbox"/>	

Work Order ID 93175

93175

Page 2

November-15-12 8:59:46 AM

Item ID: 646.3714

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Gusset

Start Date: 11/15/12 Start Qty: 10.00

10

Cust Item ID:

Required Date: 12/07/12 Req'd Qty: 10.00

10

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

130

QC8- Inspect parts - second check

0.00

DAS
15
8-8

130

QC

Quality Control

12/11/26

10

140

Bend as per dwg

0.00

140

Brake NC

Brake NC

Memo

0.00

10

SA
12/11/27

150

QC5- Inspect part completeness to step on W/O

0.00

DA
15
8-8

150

QC

Quality Control

12/11/27

10

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Date:

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework Scrap Use-as-is Work Order Update	Skid-tube Machining Thermoforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier	Engineering Quality Other				
Part No. _____											
NCR No. _____											
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear			General								
Bending	Bend	Grain	Ovalized	Pressure/Forced							
Centre Not Concentric to O/S	BOM/Route	Hardware	Over/Under tolerance	Temperature/Cure							
Cracks	Broken/Damaged	Inspection Incomplete	Part Incorrect	Weld							
Crushed/Crimped.	Burrs	Instructions Incomplete/Unclear	Part Lost/Missing	Wrong Stock Pulled							
Cuffs	Contamination	Maintenance	Part Moved								
Heat Treat	Countersink	Mislabeled	Positioned Wrong								
Inspection Strip in Tube	Cut Too Short	Misread	Power Loss/Surge								
Ripples in Bend	Drill Holes	Offset									
Torque Waves in Extrusion	Drawing	Out of Calibration									
Turning Sequence	Finish	Out of Sequence									
Wave/Twist in Tube	Folio	Outside Dimensions									

Work Order ID 93175

93175

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November-15-12 8:59:47 AM

Item ID: 646.3714

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Gusset

Start Date: 11/15/12 Start Qty: 10.00

10

Cust Item ID:

Required Date: 12/07/12 Req'd Qty: 10.00

10

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

160

Outsource process-Anodize per QSI017 4.1.10.1

0.00

160

Outsource4

Memo

0.00

Outsource process - Anodize

ISSUE P/O: 18583

HARD ANODIZE, COLOR BLACK AS PER DWG.(SEE NOTE 2)

RJ 12-5-12

170

Receive & Inspect for Damage & Mat'l Certs

0.00

170

Packaging

Memo

0.00

Packaging

JG 1/16 (P)

180

QC5- Inspect part completeness to step on W/O

0.00

180

QC

Quality Control

Memo

0.00

DAS
16
9-69
13/01/04

-410

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
			Work Order Update <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions							
				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other							

Work Order ID 93175

November-15-12 8:59:47 AM

93175

Page 4

Item ID: 646.3714

Accept

N900040100

Setup Start

NS1

Revision ID:

Item Name: Gusset

Start Date: 11/15/12 Start Qty: 10.00

10

Cust Item ID:

Required Date: 12/07/12 Req'd Qty: 10.00

10

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

190

10

SprayPaint

Spray Painting

Memo

0.00

10 0 0

13-3-22

PRIME IAW MIL-P-23377J TYPE1 CLASS N AS PER DWG. (SEE NOTE 2)

CARDINAL 4860-50 PRIMER BATCH: 124204

200

QC14- Inspect Spray Paint

0.00

10

8-10-05
SAC 13-01-03

200

QC

Quality Control

Memo

0.00

210

Identify as per dwg & Stock Location:

87537

0.00

210

Packaging

Packaging

Memo

0.00

***IDENTIFY AS PER APICAL MPP-120 BY STAMPING THE P# AND
REV***

143/179(10)

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____		DISPOSITION			AGAINST DEPARTMENT/PROCESS						
Part No. _____		Rework	<input type="checkbox"/>	Skid-tube	<input type="checkbox"/>	Crosstube	<input type="checkbox"/>	Water Jet	<input type="checkbox"/>	Engineering	<input type="checkbox"/>
NCR No. _____		Scrap	<input type="checkbox"/>	Machining	<input type="checkbox"/>	Small Fab	<input type="checkbox"/>	Prod. Eng. Coor.	<input type="checkbox"/>	Quality	<input type="checkbox"/>
		Use-as-is	<input type="checkbox"/>	Thermoforming	<input type="checkbox"/>	Finishing	<input type="checkbox"/>	Rec/Store/Packaging	<input type="checkbox"/>	Other	<input type="checkbox"/>
		Work Order Update	<input type="checkbox"/>	Large Fab	<input type="checkbox"/>	Composite	<input type="checkbox"/>	Supplier	<input type="checkbox"/>		
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions							
				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Other							

Work Order ID 93175

November-15-12 8:59:47 AM

93175

Page 5

Item ID: 646.3714

Accept

N900040100

Setup

Start

NS1

Revision ID:

Stop

NS2

Item Name: Gusset

Start Date: 11/15/12 **Start Qty:** 10.00

10

Cust Item ID:

Required Date: 12/07/12 **Req'd Qty:** 10.00

10

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run

Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

**Sequence ID/
Work Center ID**

**Operation
Description**

**Set Up/
Run Hours**

Tool ID

Tool #

**Plan
Code**

**Accept
Qty**

**Reject
Qty**

**Reject
Number**

**Insp.
Stamp**

220

220

QC

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

13/14/1000

MB-OH-9

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Date:

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework Scrap Use-as-is Work Order Update	Skid-tube Machining Thermoforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Prod. Eng. Coor. Rec/Store/Packaging Supplier	Engineering Quality Other				
Part No. _____											
NCR No. _____											
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear			General								
Bending	General		Bend	General		Grain	Ovalized	Pressure/Forced			
Centre Not Concentric to O/S			BOM/Route			Hardware	Over/Under tolerance	Temperature/Cure			
Cracks			Broken/Damaged			Inspection Incomplete	Part Incorrect	Weld			
Crushed/Crimped.			Burrs			Instructions Incomplete/Unclear	Part Lost/Missing	Wrong Stock Pulled			
Cuffs			Contamination			Maintenance	Part Moved				
Heat Treat			Countersink			Mislabeled	Positioned Wrong				
Inspection Strip in Tube			Cut Too Short			Misread	Power Loss/Surge				
Ripples in Bend			Drill Holes			Offset					
Torque Waves in Extrusion			Drawing			Out of Calibration					
Turning Sequence			Finish			Out of Sequence					
Wave/Twist in Tube			Folio			Outside Dimensions					

Picklist Print

November-15-12 8:59:46 AM

Page 1

Work Order ID: 93175

Parent Item: 646.3714

Parent Item Name: Gusset

Start Date: 11/15/12

Required Date: 12/07/12

Start Qty: 10.00

Required Qty: 10.00

Comments: IPP REV:A 12.10.22 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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M6061T6S.063 6061-T6 .063 Sheet		Purchased	No			110	sf	394.2238	0.265	27894737 2.8			JN 12-11-24
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Location	Loc Qty	Loc Code
MAT021	394.2238320	
113608	0	
116308	5.01556842	
117285	67.544	
119331	44.2	
119802	3.94	
120218	15.86	
120866	64.8126316	
121805	113.551632	
123135	79.3	123135

NCR: Yes / No

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order: _____		DISPOSITION			AGAINST DEPARTMENT/PROCESS						
Part No. _____		Rework	<input type="checkbox"/>	Skid-tube	<input type="checkbox"/>	Crosstube	<input type="checkbox"/>	Water Jet	<input type="checkbox"/>	Engineering	<input type="checkbox"/>
NCR No. _____		Scrap	<input type="checkbox"/>	Machining	<input type="checkbox"/>	Small Fab	<input type="checkbox"/>	Prod. Eng. Coor.	<input type="checkbox"/>	Quality	<input type="checkbox"/>
		Use-as-is	<input type="checkbox"/>	Thermoforming	<input type="checkbox"/>	Finishing	<input type="checkbox"/>	Rec/Store/Packaging	<input type="checkbox"/>	Other	<input type="checkbox"/>
		Work Order Update	<input type="checkbox"/>	Large Fab	<input type="checkbox"/>	Composite	<input type="checkbox"/>	Supplier	<input type="checkbox"/>		
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector		
Doc/Data											
Equip/Tooling											
Operator											
Material											
Setup											
Other											
Process											
Supplier											
Training											
Unapproved											
FAULT CATEGORY											
Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped. <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube				General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions							
				<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <hr/> <hr/> <hr/>							
				<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <hr/>							
				<input type="checkbox"/> Other							

NOTES:

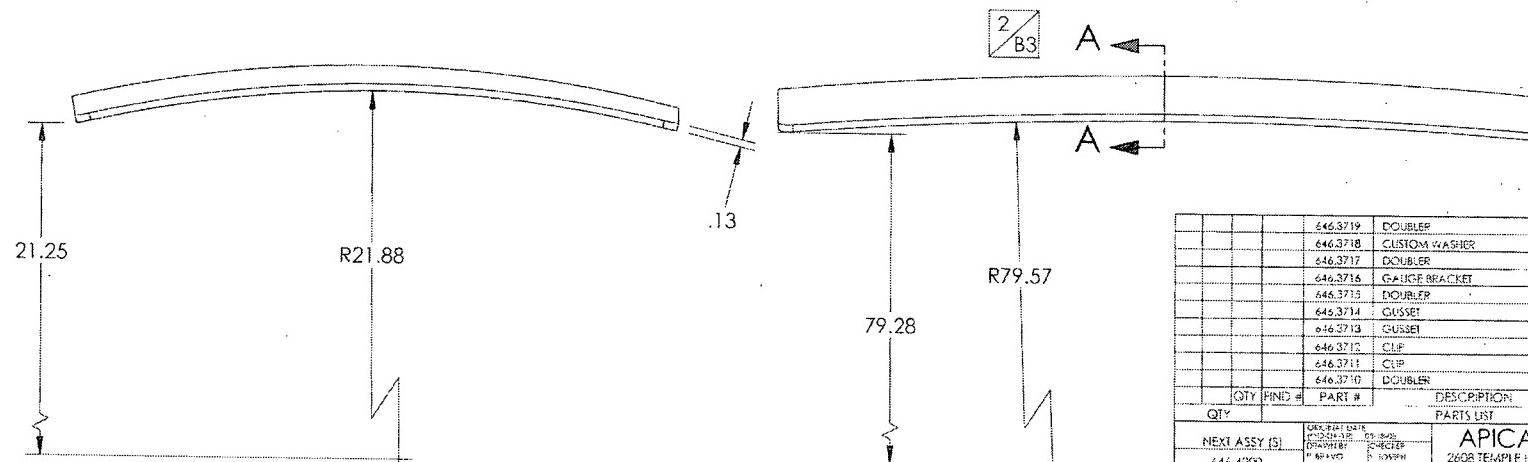
-  MATERIAL: ALUMINUM 6061-T6 PER AMS-QQ-A-250/1
 -  FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III
CLASS 2, COLOR BLACK:
CARDINAL 4840-S0 PRETREATMENT PRIMER
PRIME IAW MIL-P-23377J TYPE I CLASS N
 -  MATERIAL: 17-4 PH AMS 5604, CONDITION H900
 -  FINISH: PRIME IAW MIL-P-23377J TYPE I CLASS N

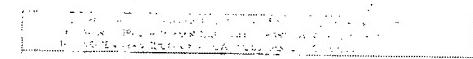
5. DEBURR AND BREAK ALL SHARP EDGES

6. IDENTIFY IAW MPP-120

SIR
RECEIVED
ENGINEER
UNCONTROLLED
SUBJECT TO
WITHHELD
W.O.C. Co.
NO. 93175 MLS
12-11-14

646.3710



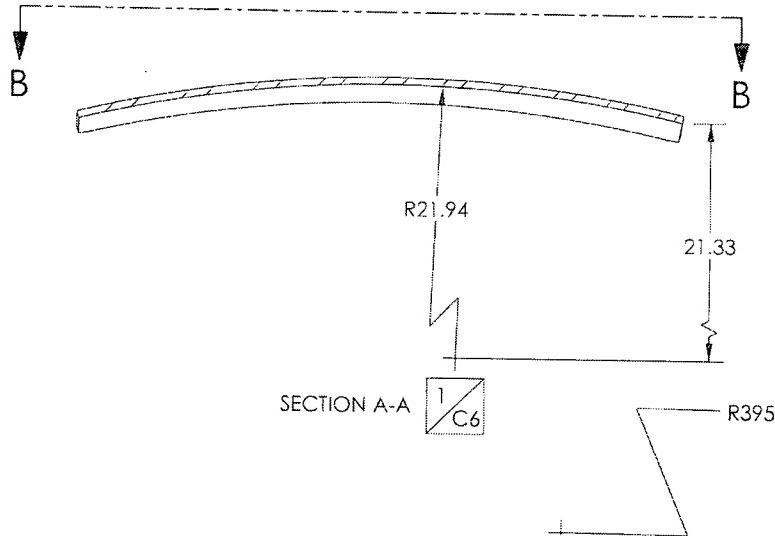


A

B

C

D



13.51

R.134PL

10.49

10.54

SECTION B-B

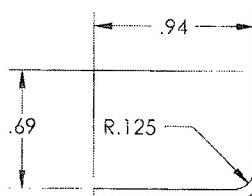
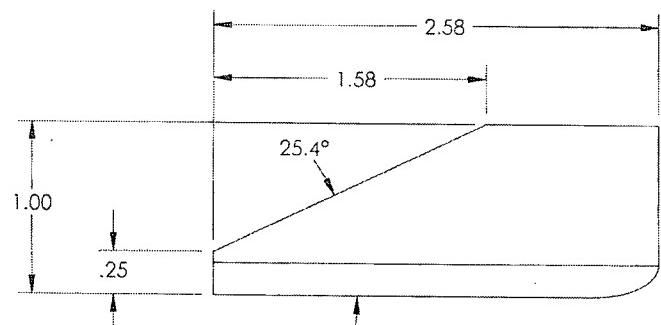
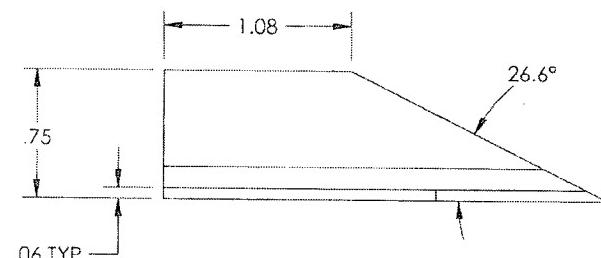
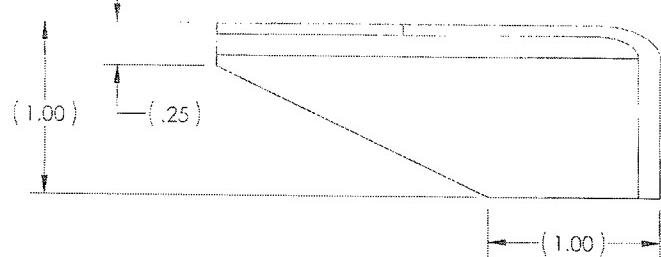
CHUCK HALL MFG CO INC 08-18-05 DRAWN BY J. COOPER P.T. APPROVED DEPARTMENT OF PROFESSIONAL ST. JOSEPH MANUFACTURING CORPORATION
UNLESS OTHERWISE SPECIFIED DRAWINGS ARE IN INCHES TOLERANCES ARE STRAIGHTNESS ±0.05 FLATNESS ±0.05 ANGLES ±3°

APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA 92056-3512 (750)724-5300
SHEETMETAL

SCALE NONE
646.3700
A
SHEET 2 OF 9

93175

93175

A-----A
B-----B
C-----C
D-----D

646.3711 SHOWN
646.3712 OPPOSITE

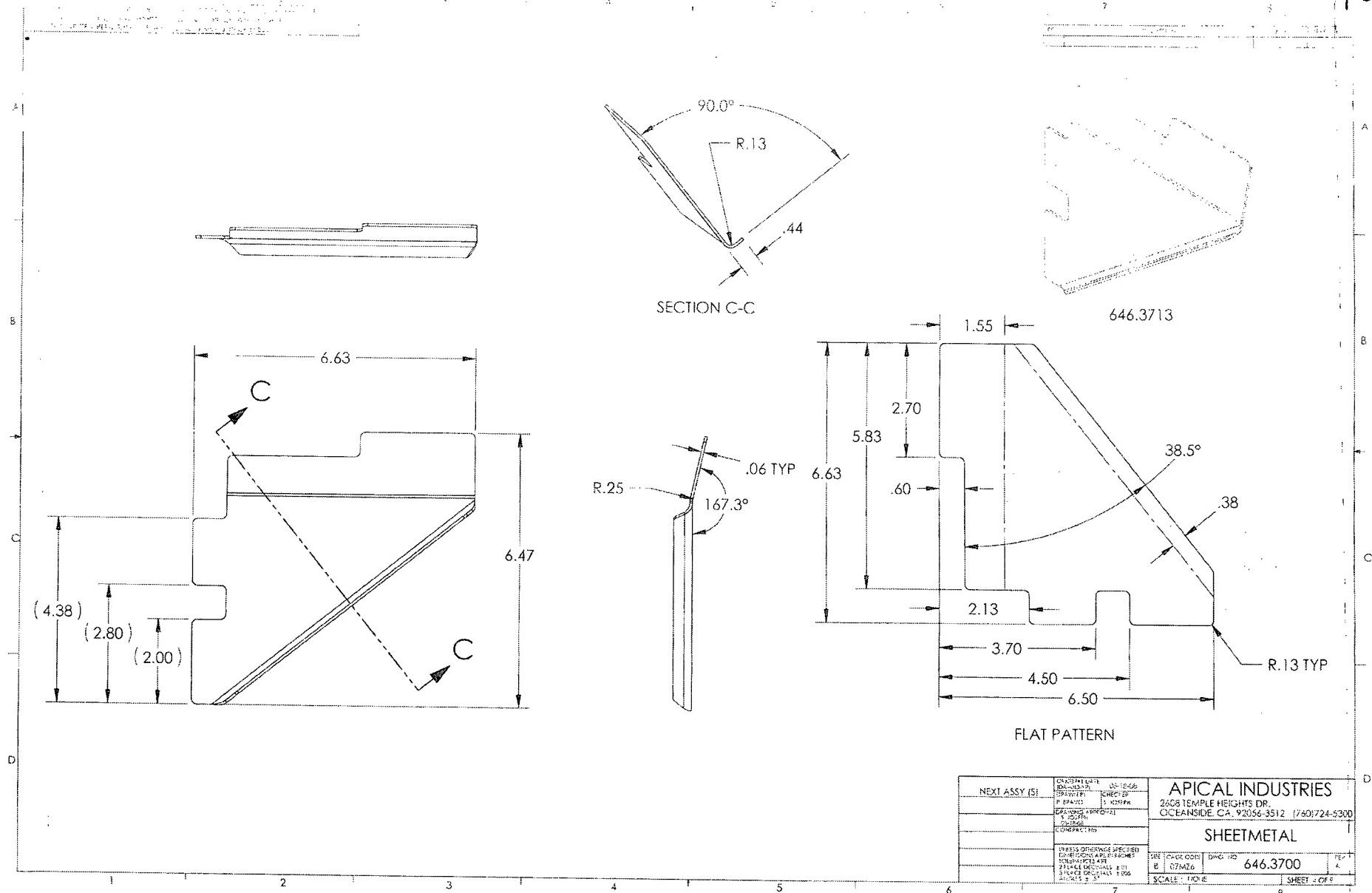
NEXT ASSY (S)	SPECIFICATION	
	PRINTED	08-15-92
REVISION	0	1-7-92
DATE APPROVAL	S-20844	
CONTRACT		
ALL OTHER SPECIFICATIONS ARE AS PER ASME Y14.5M-1982 TOLERANCES ARE AS PER ASME Y14.5M-1982 1 PLATE SPECIFICATIONS 2 PLATE SPECIFICATIONS 3 PLATES		
TYPE	STAINLESS STEEL	QHD 10
SIZE	67M26	
SCALE	1:1	1/4"
SHEET NO.	646.3700	8

APICAL INDUSTRIES

2608 TEMPLE HEIGHTS DR.
OCEANSIDE CA 92056-3512 (760)724-5300

SHEETMETAL

93175



NEXT ASSY (SI)	CLIPPLATE JDM-155-1 100-1000 P.84000 DRAFTING APPROVAL S.12/2011 CONTRACT DRW	APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE CA 92056-3512 (760)724-5300
		SHEETMETAL

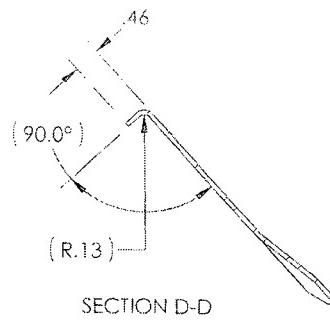
PRINTED OTHERWISE SPECIFIED
ALL DIMENSIONS IN INCHES
NOTES: 1. P.84000
2. DRAFTING APPROVAL
3. CONTRACT DRW
4. SHEETMETAL

DATE: 10/08/08 BY: 10/08/08
CNC: 10/08/08 BY: 10/08/08
SCALE: 1:100 SHEET: 1 OF 1

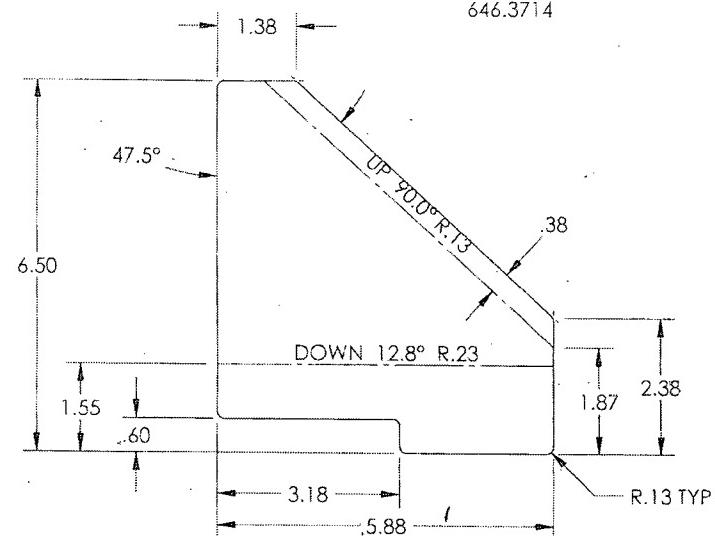
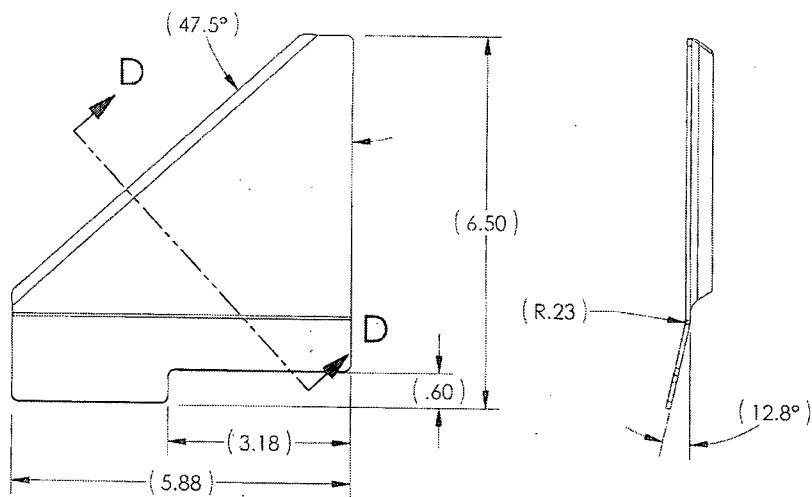
646.3700

93175

APICAL INDUSTRIES
2408 TEMPLE HEIGHTS DR.
OCEANSIDE, CA 92056-3512 (760)724-5303



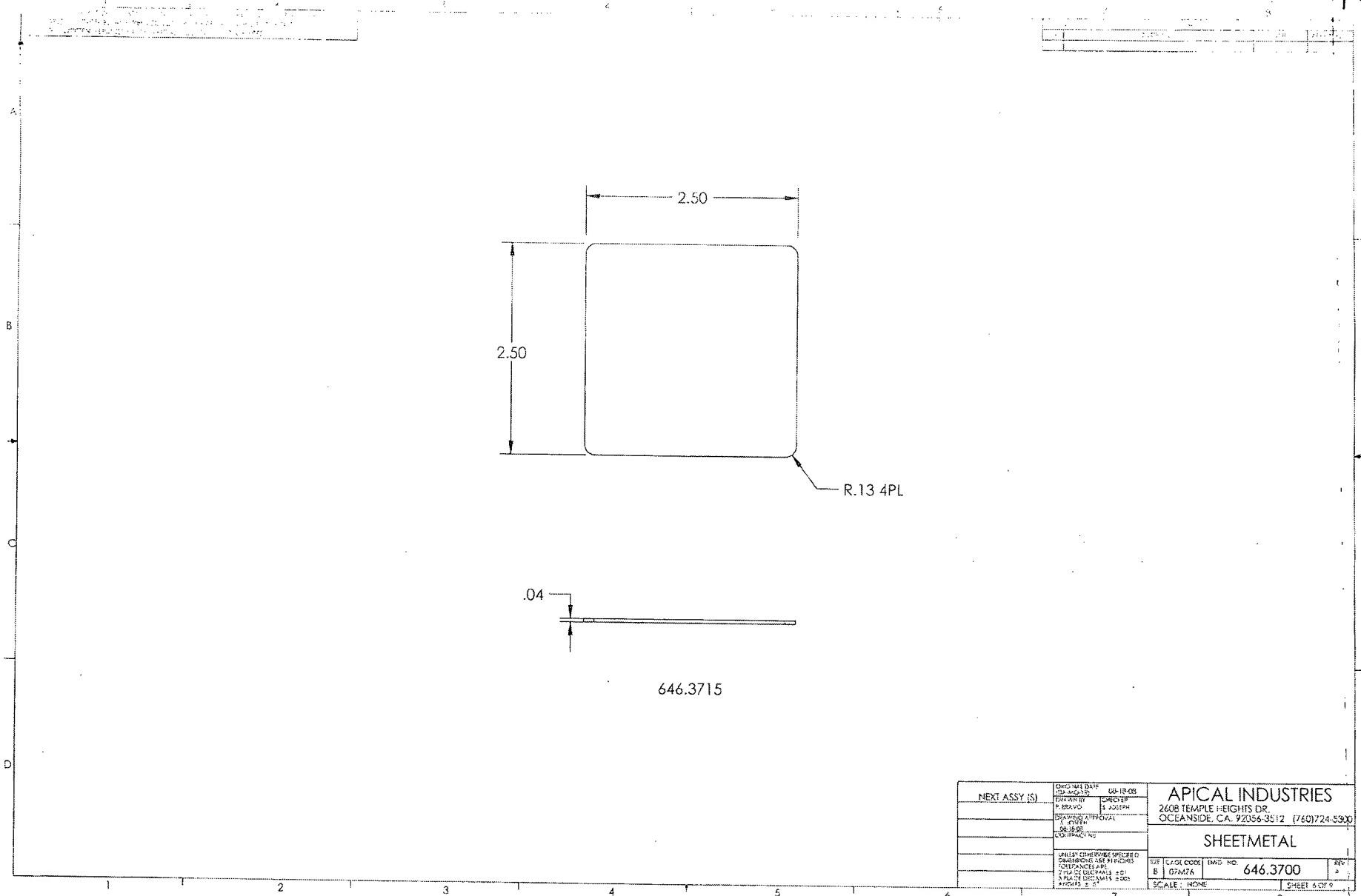
B



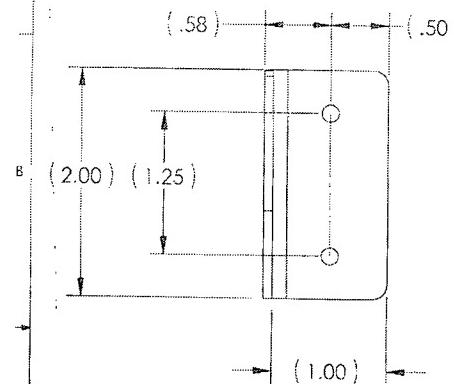
FLAT PATTERN

EXHIBIT NO. 10-1008	APICAL INDUSTRIES
PRINTED BY: JACOBSON	2408 TEMPLE HEIGHTS DR.
PURCHASED BY: JACOBSON	OCEANSIDE, CA 92056-3512 (760)724-5303
DATE OF EXPIRATION:	
12/2004	
EXPIRED BY:	
JACOBSON	
COMPILED BY:	
ITEMS CHANGED SINCE SPECIFIED	PER: APICAL INDUSTRIES
ITEMS ADDED SINCE SPECIFIED	6/2000
ITEMS DELETED SINCE SPECIFIED	NO
ITEMS CHANGED SINCE LAST DRAWING	NO
ITEMS ADDED SINCE LAST DRAWING	NO
ITEMS DELETED SINCE LAST DRAWING	NO
ANGLES & RADII ADDED	NO
ANGLES & RADII DELETED	NO
SCALE: NONE	646.3700
FEET: A	SHEET: 5 OF 9

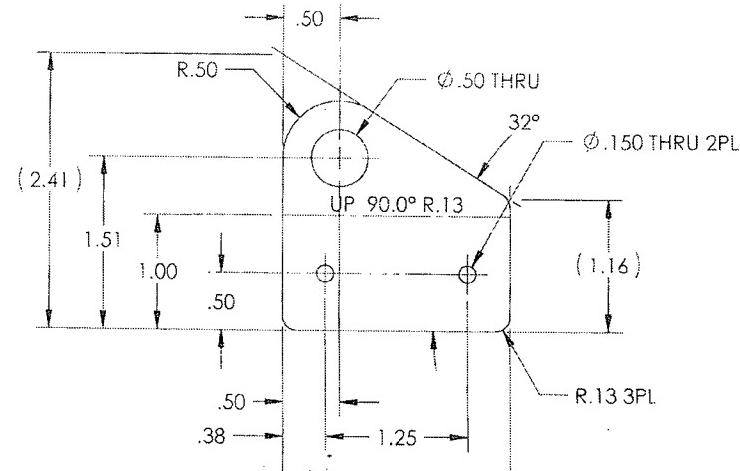
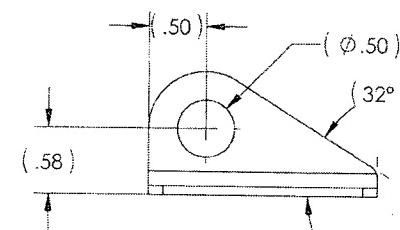
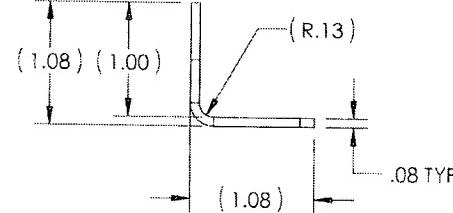
93175



93175



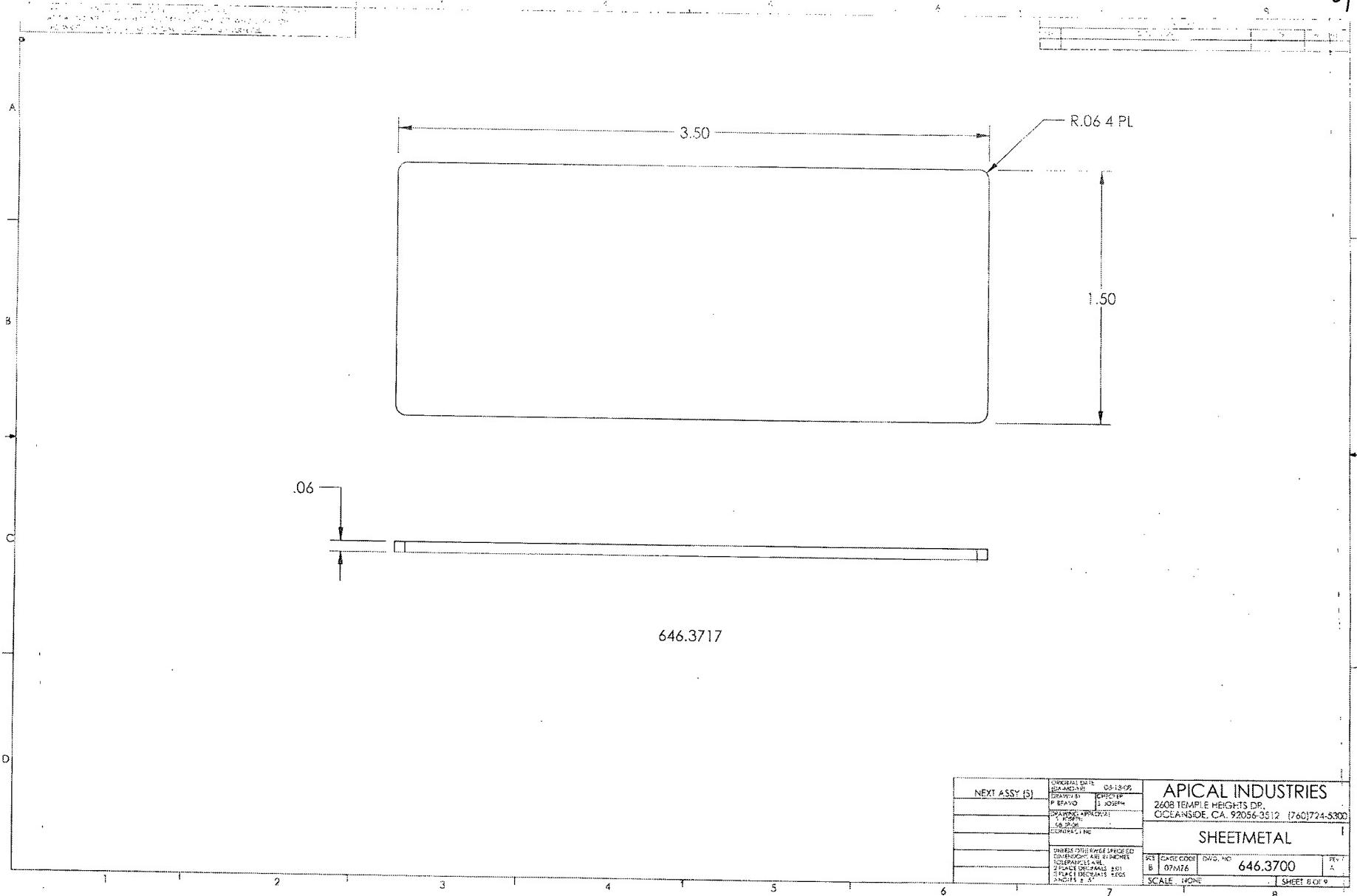
646.3716



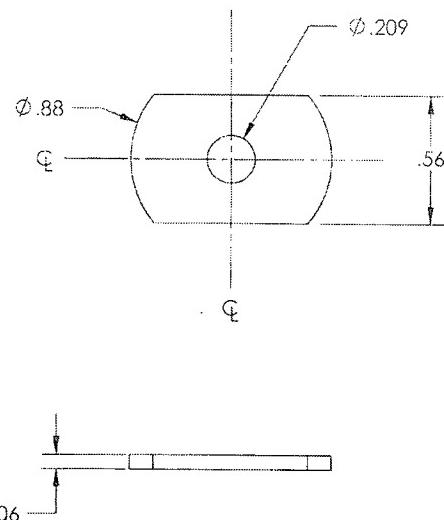
FLAT PATTERN

NEXT ASSY. IS:	DRILL HOLE ID: 1/4" - 16	SO: 1/4" - 20	APICAL INDUSTRIES
TOP WIRE:	1/4" X 1/4"	STAINLESS STEEL	2508 TEMPLE HEIGHTS DR. OCEANSIDE, CA 92056-3512 (760)724-5300
ROD: 1/4" X 1/4"	1/4" X 1/4"	STAINLESS STEEL	SHEETMETAL
SHRINK: 1/4"	1/4" X 1/4"	STAINLESS STEEL	646.3700
WIRE: 1/4" X 1/4"	1/4" X 1/4"	STAINLESS STEEL	SCALE: 1/4"
ROD: 1/4" X 1/4"	1/4" X 1/4"	STAINLESS STEEL	1 SHEET OF 6
SHRINK: 1/4"	1/4" X 1/4"	STAINLESS STEEL	8

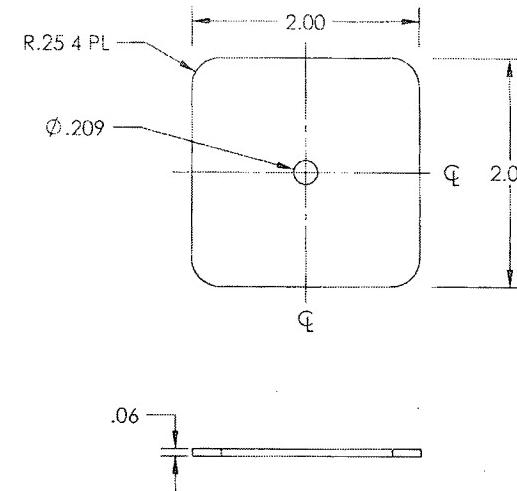
93175



93175



646.3718



646.3719

DART AEROSPACE LTD

Work Order:

93175

Description:

Part Number: 646.374

Inspection Dwg: 6463700 Rev: A

Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

6A5

Measured by:	Jm
Date:	12-11-24

Audited by:	15 8-83
Date:	11/26

Preliminary Approval:	
Date:	



A.T.G. Industries Inc.
731, rue Industrielle Rd.
PLATING DEPARTMENT
Rockland, On K4K 1T2
Canada
Ph: (613) 446-4544
Fax: (613) 446-4556

Pack List

Number: 62149

Date: 14-Jan-13

To

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Canada

Ship To

DART AEROSPACE LTD
1270 ABERDEEN ST
HAWKESBURY, ON K6A 1K7
Canada

Ph: 613-632-5200

Fax: 613-632-1185

Ph: 613-632-5200

Fax: 613-632-1185

Terms	Ship Via

Quantity	Description	Rev:
1	Part: ASST	
lot	24 PCS 647.2510 PASSIVATE PER QQ-P-35	
	1 PC 647.1613 12 PCS 647.1712 3 PCS 647.1810 40 PCS 647.1812 2 PCS 647.1813 1 PC 647.1816 20 PCS 646.3312 10 PCS 646.3714 <i>8/3/11/06</i> 40 PCS 646.3718 20-PCS 646.3811 6 PCS 647.7910 12 PCS 647.7912 6 PCS 647.7916 40 PCS 647.9012 10 PCS 647.9013 19 PCS 647.9016 30 PCS 647.9016 30 PCS 647.9017 60 PCS 647.9017	
	HARD ANODIZE BLACK MIL-A-8625 TYPE III CLASS 2	
	Job: 20130027	PO: PO18583
		Line:



A.T.G. Industries Inc.
731, rue Industrielle Rd.
PLATING DEPARTMENT
Rockland, On K4K 1T2
Canada
Ph: (613) 446-4544
Fax: (613) 446-4556

Pack List

Number: 62149

Date: 14-Jan-13

To

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7
Canada

Ship To

DART AEROSPACE LTD
1270 ABERDEEN ST.
HAWKESBURY, ON K6A 1K7
Canada

Ph: 613-632-5200

Fax: 613-632-1185

Ph: 613-632-5200

Fax: 613-632-1185

Terms	Description	Ship Via
Quantity	Description	
	Certificate of Conformance	
	A.T.G. Industries certifies that all items in this shipment are in conformance with all requirements, specifications and drawings referenced in the purchase order. ISO 9001 : 2008 REGISTERED ATG SALES-2010 TERMS APPLY DATE: <u>14/1/13</u> CERTIFIED SIGNATURE: <u>[Signature]</u> RECEIVER SIGNATURE: _____	